

What is claimed is:

1 1. A method of controlling special playback modes of a video signal reproducing
2 apparatus, the method comprising the steps of:

3 determining whether the video signal reproducing apparatus is converted from a
4 predetermined mode to a normal playback mode;

5 determining whether a time, which is necessary for detecting program class data and
6 determining a class, lapses starting from a time when the predetermined mode is converted into the
7 normal playback mode; and

8 refusing a special playback key command for any of said special playback modes when the
9 time necessary for determining a program class has not lapsed.

10 2. The method of claim 1, wherein the step of refusing comprises a step of displaying
11 a message indicating that the special playback key command is refused.

12 3. The method of claim 1, wherein a table of predetermined special playback key
13 commands is stored in a memory, interrupt is invoked when a command input before the time
14 necessary for determining a program class has lapsed corresponds to one among the commands in
15 the table, and the normal playback mode starts.

16 4. The method of claim 1, wherein the predetermined special playback key command
17 is a search key command, a slow key command or a still key command.

1 5. The method of claim 1, wherein the predetermined special playback key command
2 is any command other than a normal playback command and a normal rewind command.

1 6. A method of controlling special playback modes of a video signal reproducing
2 apparatus, the method comprising the steps of:

3 determining whether program class data is detected from a video signal reproduced by the
4 video signal reproducing apparatus in a normal playback mode; and

5 refusing to operate any of said special playback modes corresponding to a predetermined
6 special playback key command generated by a user's key input, until the program class data is
7 detected.

1 7. The method of claim 6, wherein a table of predetermined special playback key
2 commands is stored in a memory, interrupt is invoked in said refusing step when a command
3 corresponding to one among the commands in the table is input.

1 8. The method of claim 6, wherein the predetermined special playback key command
2 is any command other than a normal playback command and a normal rewind command.

1 9. A method of controlling a special playback mode of a video signal reproducing
2 apparatus, the method comprising the steps of:

3 determining whether program class data is detected from a video signal reproduced by the
4 video signal reproducing apparatus in a normal playback mode; and

5 blocking output of reproduced pictures when a predetermined special playback key command

is input by a user's key operation prior the program class data being detected.

10. The method of claim 9, wherein the predetermined special playback key command is a search key command, a slow key command or a still key command.

11. A method of controlling special playback modes of a video signal reproducing apparatus, the method comprising the steps of:

selecting a permitted program class;

determining whether the video signal reproducing apparatus is converted from a predetermined mode to a normal playback mode after selecting said permitted program class, wherein said video signal reproducing apparatus generates a reproduced video signal from a recording medium during said normal playback mode;

starting a count operation when the predetermined mode is converted into the normal playback mode, said count operation generating count data;

detecting program class data embedded in said reproduced video signal;

determining whether a special playback key command for any of said special playback modes is input when said embedded program class data is not detected within a predetermined time period;

determining whether said time period has elapsed by comparing said count data to a predetermined count variable corresponding to said time period, when it is determined that said special playback key command is input; and

refusing said special playback key command for any of said special playback modes when said time period has not elapsed.

1 12. The method as set forth in claim 11, further comprising a step of:
2 repeating said detecting step when it is determined that said special playback key command
3 is not input.

1 13. The method as set forth in claim 11, further comprising steps of:
2 displaying a message indicating that the special playback key command is refused; and
3 repeating said detecting step while displaying said message.

1 14. The method as set forth in claim 11, further comprising steps of:
2 comparing program class data detected in said detecting step to said permitted program class
3 selected in said selecting step; and
4 blanking said reproduced video signal when it is determined that said detected program class
5 data is greater than said permitted program class.

1 15. The method as set forth in claim 11, further comprising a step of:
2 performing the special playback mode corresponding to the input special playback key
3 command when it is determined that said time period has elapsed.